AMENDMENTS TO THE CLAIMS:

Please cancel claim 4, without prejudice or disclaimer of the subject matter therein, amend claims 1, 2, 7, 8, and 12, and add new claims 16 and 17, as denoted in the following listing. This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A radiocommunication device of a first radiocommunication system and connectable to a base station, the device comprising:

a gain controlled amplifier configured to amplify a transmit signal; and

a limiter configured to set a first maximum value of an ~~the~~ output of the gain controlled amplifier according to an up-link frequency specified by the base station, wherein the first maximum value corresponds to a first frequency of the first radiocommunication system that is close to a frequency band assigned to a second radiocommunication system and is set lower than maximum values of the gain controlled amplifier corresponding to other frequencies of the first radiocommunication system not close to the frequency band assigned to the second radiocommunication system.

2. (Currently amended) The radiocommunication device according to claim 1, further comprising a memory configured to store a maximum value for each frequency ~~of frequencies~~ in a preassigned frequency band and a controller ~~data setter~~ configured to read the maximum value for a frequency specified by the base station from the memory and to supply the read maximum value to the limiter.

3. (Original) The radiocommunication device according to claim 1, further comprising:

a memory configured to store a function for the maximum value with each frequency in a preassigned frequency band as a parameter, and

an arithmetic operation circuit configured to determine the maximum value according to the up-link frequency specified by the base station.

4. (Canceled)

5. (Original) The radiocommunication device according to claim 1, wherein the maximum value of the limiter is set by the base station.

6. (Original) The radiocommunication device according to claim 1, further comprising a transmitter configured to transmit a difference between a setting value of an up-link signal transmission power specified by the base station and the set maximum value to the base station.

7. (Currently amended) A transmission power control method for a radiocommunication device of a first radiocommunication system, the device having ~~and with~~ a gain controlled amplifier, comprising:

receiving an up-link frequency specified by a base station;

amplifying a transmit ~~transmission~~ signal by a ~~the~~ gain controlled amplifier; and

setting a first maximum value of an output of the gain controlled amplifier according to ~~an~~ the specified up-link ~~signal~~ frequency, wherein the first maximum value corresponds to a first ~~specified by a base station such that the closer the up-link signal~~ frequency of the first radiocommunication system close ~~is~~ to ~~the~~ a frequency band assigned to a second ~~different~~ radiocommunication system~~, the~~ and is lower than other ~~the~~ maximum values of the gain controlled amplifier corresponding to other frequencies of the first radiocommunication system not close to the frequency band assigned to the second radiocommunication system ~~is set~~.

8. (Currently amended) A base station for use in a radiocommunication system having a frequency band close to the frequency band assigned to a different radiocommunication system, the base station communicating with a radiocommunication device in which the maximum of its transmission power is variably set according to ~~variable with~~ an up-link frequency specified by the base station, the base station comprising:

a receiver configured to receive a difference between an actual setting and the maximum of the transmission power from the radiocommunication device;

a determination section configured to determine whether the difference is smaller than a threshold; and

a handover section configured to, if the difference is smaller than the threshold, switching the up-link frequency to another up-link frequency that is further from the frequency band of the different radiocommunication system.

9. (Original) The base station according to claim 8, wherein, if the current up-link frequency is close to the frequency band assigned to the different radiocommunication system and the difference is smaller than the threshold, said handover section switches the current up-link frequency to an up-link frequency which is further from the frequency band assigned to the different radiocommunication system.

10. (Original) The base station according to claim 8, wherein, if the difference is greater than the threshold, the handover section switches the current up-link frequency to an up-link frequency that is closer to the frequency band assigned to the different radiocommunication system.

11. (Original) The base station according to claim 8, wherein, if the current up-link frequency is close to the frequency band assigned to the different radiocommunication system and the difference is smaller than the threshold, the handover section switches the current up-link frequency to an up-link frequency which is further from the frequency band assigned to the different radiocommunication system, and if the current up-link frequency is not close to the frequency band assigned to the different radiocommunication system and the difference is greater than the threshold, the handover section switches the current up-link frequency to an up-link frequency that is closer to the frequency band assigned to the different radiocommunication system.

12. (Currently amended) A base station for use in a radiocommunication system having a frequency band close to the frequency band assigned to a different radiocommunication system, the base station communicating with a radiocommunication device in which the maximum of its transmission power is variably set according to ~~variable with~~ an up-link frequency specified by the base station, the base station comprising:

a determination section configured to determine ~~determining~~ whether the transmission power of the radiocommunication device is greater than a threshold; and

a handover section configured to, if the transmission power is greater than the threshold, switch ~~switching~~ from the up-link frequency to another up-link frequency that is further from the frequency band of the different radiocommunication system.

13. (Original) The base station according to claim 12, wherein, if the current up-link frequency is close to the frequency band assigned to the different radiocommunication system and the transmission power is greater than the threshold, the handover section switches the current up-link frequency to an up-link frequency which is further from the frequency band assigned to the different radiocommunication system.

14. (Original) The base station according to claim 12, wherein, if the transmission power is not greater than the threshold, the handover section switches the current up-link frequency to an up-link frequency that is closer to the frequency band assigned to the different radiocommunication system.

15. (Original) The base station according to claim 12, wherein, if the current up-link frequency is close to the frequency band assigned to the different radiocommunication system and the transmission power is greater than the threshold, the handover section switches the current up-link frequency to an up-link frequency which is further from the frequency band assigned to the different radiocommunication system, and if the current up-link frequency is not close to the frequency band assigned to the different radiocommunication system and the transmission power is not greater than the threshold, the handover section switches the current up-link frequency to an up-link frequency that is closer to the frequency band assigned to the different radiocommunication system.

16. (New) A radiocommunication device of a first radiocommunication system and connectable to a base station comprising:

a gain controlled amplifier configured to amplify a transmit signal; and

a limiter configured to set a maximum value of an output of the gain controlled amplifier according to an up-link frequency specified by the base station, wherein the maximum value of the gain controlled amplifier is reduced when the specified up-link frequency is close to a frequency band assigned to a second radiocommunication system.

17. (New) A radiocommunication device of a first radiocommunication system and connectable to a base station comprising:

a gain controlled amplifier configured to amplify transmit signals; and

a limiter configured to set a maximum output of the gain controlled amplifier for transmission channels associated with the first radiocommunication system according to an up-link frequency specified by the base station, wherein the limiter sets a first maximum value of the gain controlled amplifier for a first channel of the first radiocommunication system that is close to a frequency band assigned to a second radiocommunication system, the first maximum value lower than a second maximum value of the gain controlled amplifier corresponding to a second channel of the first radiocommunication system that is not close to the frequency band assigned to the second radiocommunication system.